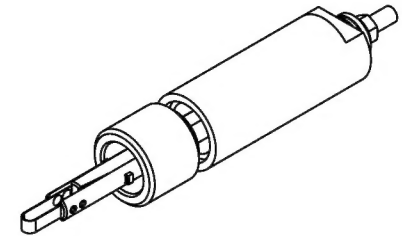
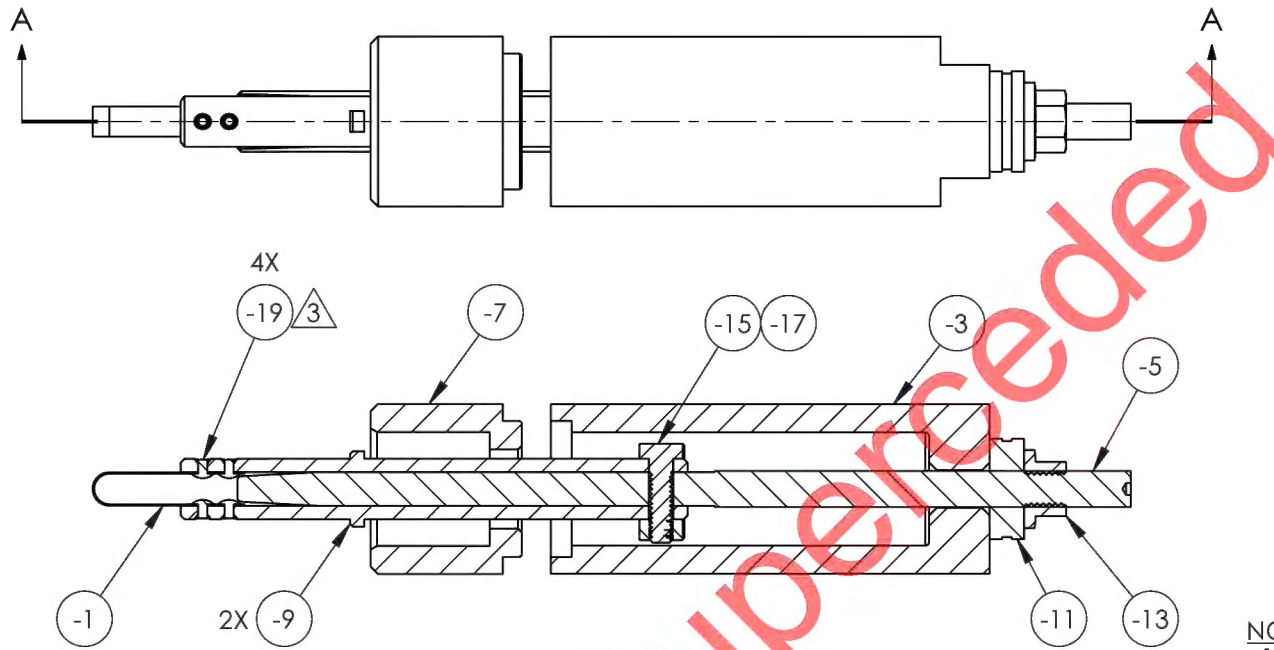


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		-107 CH'D -107 MATERIAL THICKNESS FROM .011 TO .015 CH'D MATERIAL FROM SPERING STEEL TO 301 S.S., ADDED MISSING Ø.094 DIM, ADDED FORMED VIEWS. -135 CH'D HEAT TREAT FROM RC 30-36 TO RC 38-42.	1/5/2015	RJC	SE
2	14-0230	MADE SEPARATE DRAWING FOR THIS TOOL FROM KIT RBW109-3130-82-139.	1/19/2015	RJC	JAG



NOTE:

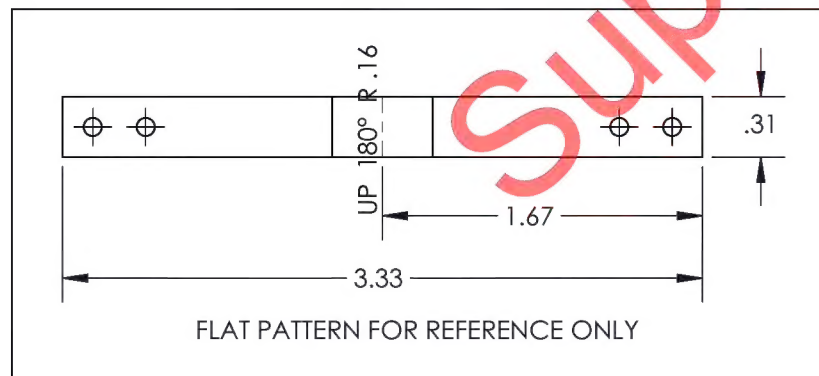
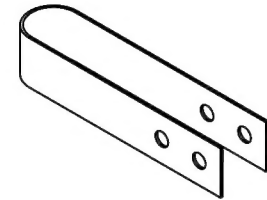
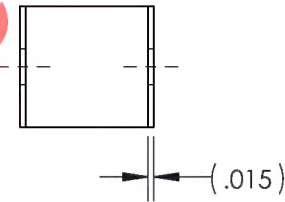
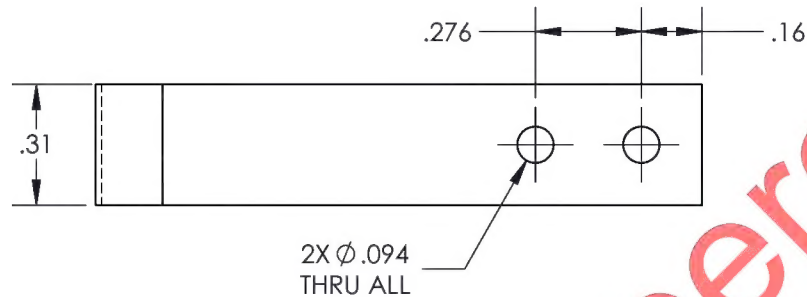
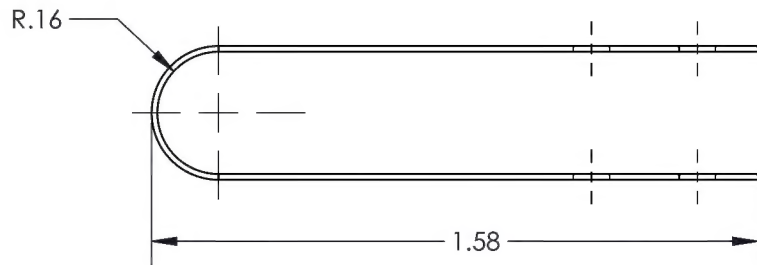
1. REF. AGUSTA T/N: 109-3130-82-103.
2. PART OF KIT RBW109-3130-82-139.
3. SAND OUTSIDE SMOOTH WITH SURFACE.

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			-1	1	SPRING	301 S.S.		2
			-3	1	HOUSING	6061		3
			-5	1	EXTRACTOR ROD	4140/4142		4
			-7	1	SMALL HOUSING	6061		5
			-9	2	HALF CLAMP	4140/4142		6
		B/O	-11	1	BANDED THRUST BEARING	STEEL	Ø3/8 I.D. (REID SKF-9040)	1
		B/O	-13	1	COLLAR NUT	STEEL	3/8-16 UNC (REID #FNC-3)	1
		B/O	-15	1	HEX HEAD CAP SCREW	STEEL	1/4-28 UNF (SPENCER AIRCRAFT #AN4-7A)	1
		B/O	-17	1	HEX NUT	STEEL	1/4-28 UNF (SPENCER AIRCRAFT #AN315-4)	1
		B/O	-19	4	RIVET	ALUMINUM	Ø3/32 X 1/4 (MCMaster-CARR #97484A055)	1

DART AEROSPACE			
TITLE TAIL ROTOR BUSHING REMOVAL TOOL			
DWG NO. RBW109-3130-82-103			REV 2
MAT'L UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1		DRAWN BY: PERRITT APPROVED <i>D Weil</i> HEAT TREAT FINISH SPEC	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING		USED ON MODEL AW109, AW119	
SCALE 1:2	DATE 8/26/2014	SHEET 1 OF 6	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		-107 CH'D -107 MATERIAL THICKNESS FROM .011 TO .015 CH'D MATERIAL FROM SPERING STEEL TO 301 S.S., ADDED MISSING Ø.094 DIM, ADDED FORMED VIEWS.	5/7/12	RJC	SE

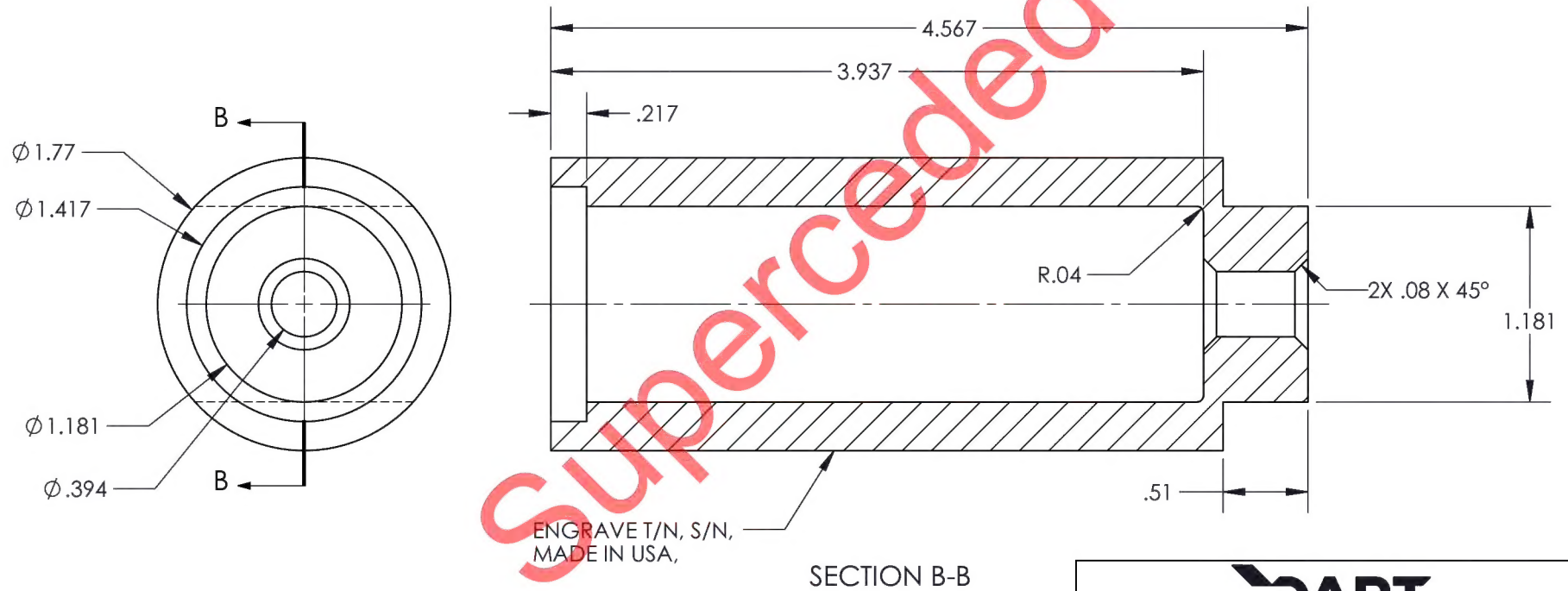
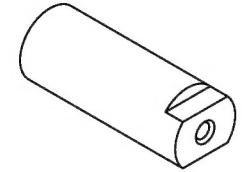


(-1)
SPRING

DART AEROSPACE	
TITLE TAIL ROTOR BUSHING REMOVAL TOOL	
DWG NO. RBW109-3130-82-103-1	REV 2
MAT'L 301 S.S.	DRAWN BY: PERRITT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1	APPROVED D Weil
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	HEAT TREAT FINISH SPEC
SCALE 2:1	DATE 8/26/2010
SHEET 2 OF 6	

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REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED

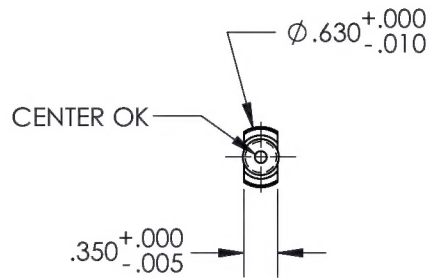


(-3)
HOUSING

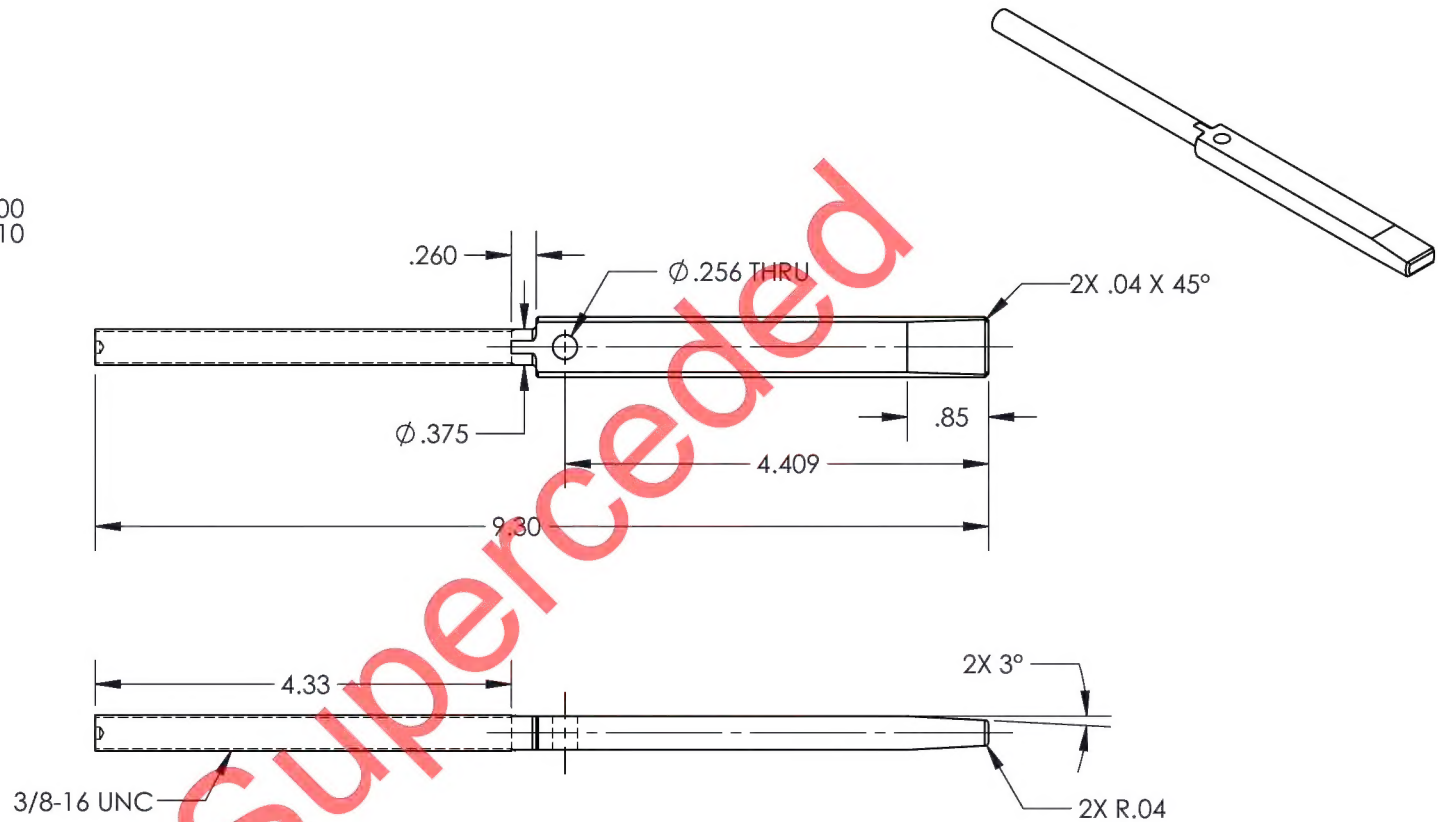
DART AEROSPACE	
TITLE TAIL ROTOR BUSHING REMOVAL TOOL	
DWG NO. RBW109-3130-82-103-3	REV 2
MAT'L 6061	DRAWN BY: PERRITT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005 FRACTIONS ± 1/8	HEAT TREAT
.XX ± .01 ANGLES ± 5°	FINISH CLEAR ANODIZE
.X ± .1	SPEC MIL-A-8625F, TYPE II, CLASS I
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	AW109, AW119
SCALE 1:1	DATE 8/26/2010
SHEET 3 OF 6	

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REVISIONS			
REV	ECR	DESCRIPTION	DATE



HIDDEN LINES
REMOVED FOR
CLARITY

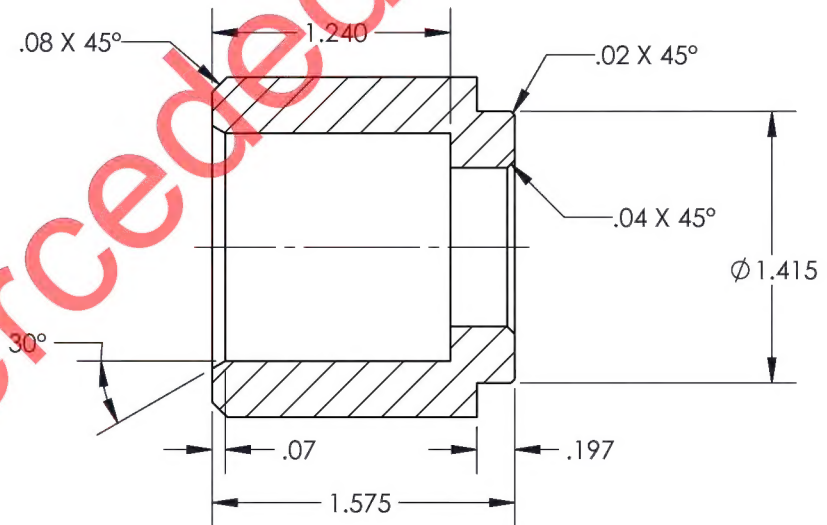
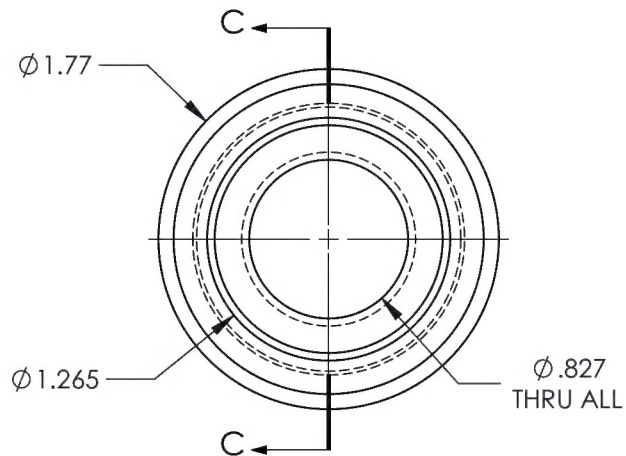
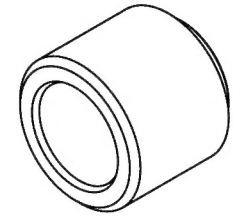


(-5)
EXTRACTOR ROD

DART AEROSPACE	
TITLE TAIL ROTOR BUSHIN REMOVAL TOOL	
DWG NO. RBW109-3130-82-103-5	REV 2
MAT'L 4140/4142	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>P. Weil</i>
.XXX ± .005 FRACTIONS ± 1/8	HEAT TREAT RC 30-36
.XX ± .01 ANGLES ± 5°	FINISH CAD PLATE YELLOW
.X ± .1	SPEC QQ-P-416F, TYPE II, CLASS II
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	AW109, AW119
SCALE 1:2	DATE 8/26/2010
SHEET 4 OF 6	

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REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED



SECTION C-C

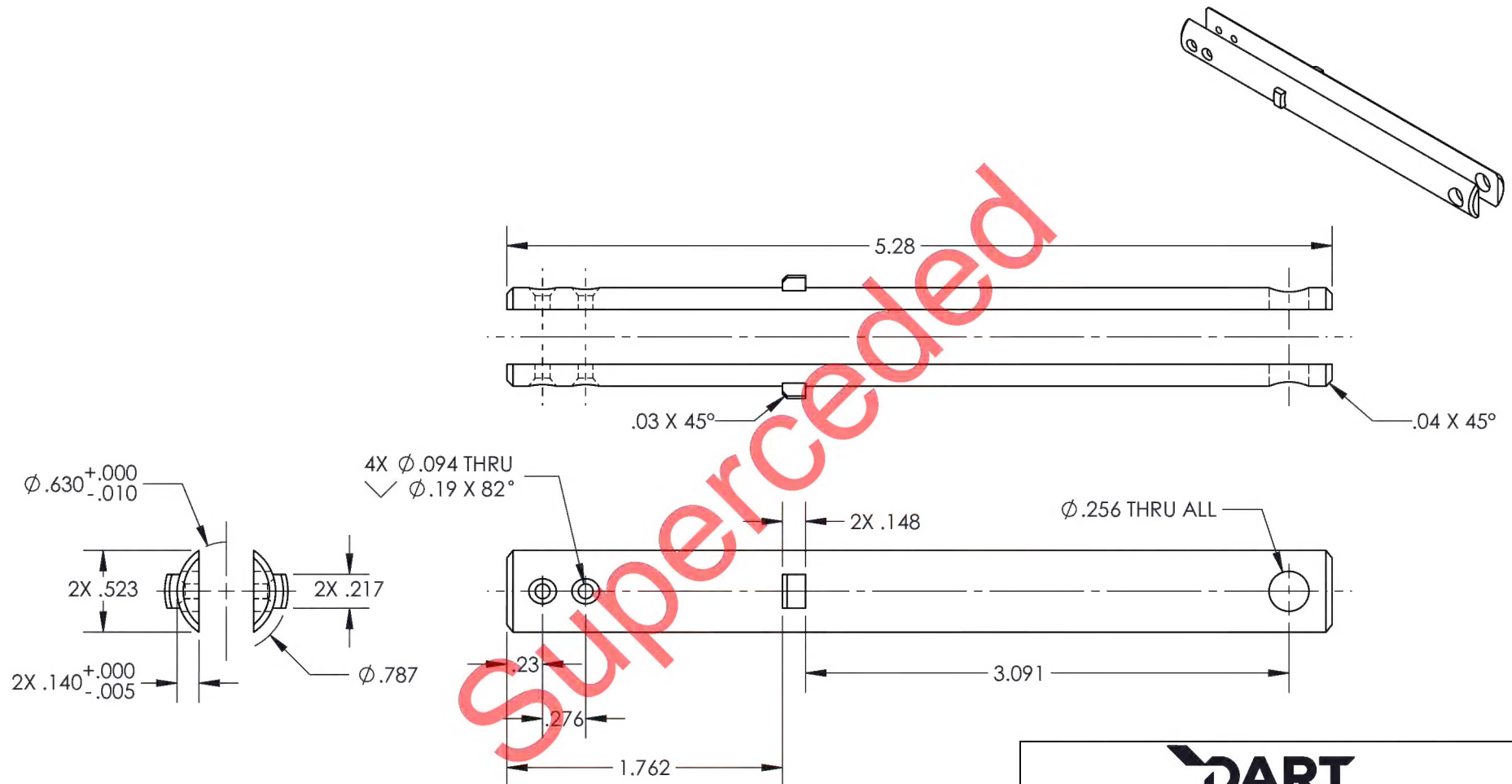
(-7)

SMALL HOUSING

DART AEROSPACE	
TITLE TAIL ROTOR BUSHING REMOVAL TOOL	
DWG NO. RBW109-3130-82-103-7	REV 2
MAT'L 6061	DRAWN BY: PERRITT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005 FRACTIONS ± 1/8	HEAT TREAT
.XX ± .01 ANGLES ± 5°	FINISH CLEAR ANODIZE
.X ± .1	SPEC MIL-A-8625F, TYPE II, CLASS I
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	AW109, AW119
SCALE 1:1	DATE 8/26/2010
SHEET 5 OF 6	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		-135 CH'D HEAT TREAT FROM RC 30-36 TO RC 38-42.	5/7/12	RJC	SE



(-9)

HALF CLAMP
(makes two)

DART AEROSPACE	
TITLE TAIL ROTOR BUSHING REMOVAL TOOL	
DWG NO. RBW109-3130-82-103-9	REV 2
MAT'L 4140/4142	DRAWN BY: PERRITT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>P. Weil</i>
.XXX ± .005 FRACTIONS ± 1/8	HEAT TREAT RC 38-42
.XX ± .01 ANGLES ± 5°	FINISH CAD PLATE YELLOW
.X ± .1	SPEC QQ-P-416F, TYPE II, CLASS II
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	AW109, AW119
SCALE 1:1	DATE 8/26/2010
SHEET 6 OF 6	